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ABSTRACT

The Ministry of Education, Culture, and Science in Japan revised its standards for educational materials to be provided in schools and promulgated a new "Standard Educational Materials List" on March 17, 1991. This manual provides information about the new list first in Japanese and then in an English language version. The new list outlines the standard types and quantities of educational and instructional materials deemed necessary in effecting the new course of study at the compulsory education level. It presents these goals and serves as a guide for each school to follow in complying with the new course of study based upon its own needs while reinforcing its own unique, educational program. The newly revised standards have two objectives: to broaden and strengthen each school's freedom of choice in the selection of educational materials, and to provide an improved basis for the acquisition of educational materials when implementing the new course of study or as new materials become available. The current revision of the course of study places a great deal of emphasis upon classes in Morals and special items, including 16mm movies, video software, and other resources have been specifically designated for these classes. Newly designed materials on the list as a whole include compact discs and disc players, video equipment, videodiscs and players, and overhead video projectors. Word processors have been added to increase teachers' efficiency in developing instructional materials. Also included are a wide variety of other items, including fish tanks, ring toss games, wall maps, instruments, circular table saws, and spotlight systems. Some items have been deleted from the former list, while others have been consolidated. A list of common educational materials for elementary and junior high schools is presented in tabular format as well as materials for teaching morals at the same levels. (DB)

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ED344567

# 標準教材品目の設定について

## －視聴覚教材を中心に－

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IR 015 455

# 標準教材品目の設定について

## —視聴覚教材を中心に—

財団法人　日本視聴覚教育協会

JAVIC 1991

編集・発行　財団法人　日本視聴覚教育協会

〒105　東京都港区虎ノ門1-17-1　視聴覚ビル

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# はしがき

文部省は、新しい学習指導要領の本格実施（小学校は1992年、中学校は1993年）に伴い、学校で整備する教材品目の基準を改め、それを「標準教材」として、1991年３月27日付けで公表しました。

「標準教材」のリストには、校種別に「品目名」と「数量」が記載されており、品目総数は3,945に昇っています。この英文資料では、各教科に共通の教材すなわち「共通品目」及び「道徳」を載せました。

日本の義務教育諸学校で、どのような種類の教材がどのような規模で整備され利用されているかを知る上で、参考にしていただければ幸いです。

1991年10月

財団法人　日本視聴覚教育協会会長

有　光　次　郎

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# 1．趣　旨

文部省は1991年３月27日付けで、新学習指導要領の本格実施（小学校1992年度、中学校1993年度）に伴い、学校で整備する教材品目の基準(「教材基準」）を13年ぶりに見直し、「標準教材品目」として、各都道府県教育委員会に通知しました。

「標準教材品目」は、新学習指導要領に即した新しい教育課程を実施するうえに必要となる教材について、1990年５月に発足した「義務教育諸学校における標準教材品目設定のための調査研究協力者会議」及び文部省教科調査官の検討等を経て設定しました。

今回の「標準教材品目」は、新学習指導要領を実施するうえで、義務教育諸学校が標準的に必要とする教材の品目及び数量を示すもので、各学校の実情に応じて、当該学校の特色を生かしながら教材を整備する際の目標、あるいは、参考とすべきものです。

従来の「教材基準」は、各学校が教材を整備する際の整備目標を示す機能、及び教材費国庫負担金の対象範囲を示す機能、という二つの性格をもっていましたが、1985年に義務教育費国庫負担金（教材費）は廃止され、教材費は地方公共団体の一般財源(地方交付税で措置されている)で賄われることとなりました。そのため、「教材基準」の機能も各学校が教材を整備する際の整備目標、つまり、参考基準となったわけです。

## 2．特　色

今回の改訂の特色は次のとおりです。

学校の教材整備の選択幅を、従来の「教材基準」よりも、より広く弾力的なものとする趣旨から、従来の「教材基準」という呼称を「標準教材品目」に改めました。

標準教材品目数については新学習指導要領の実施及び新教材の普及に対応するため、新規採用の品目が526品目、削除品目が219品目、差し引き307品目の実質増加となっています。

また、従来の「教材基準」では、詳細に基準品目を表示していたものを整理統合し、従来の基準品目1,084品目を663品目に整理し、形式的には全体で114品目減、品目総数は3,945品目となっています。

1）新規の品目（例）

小学校・中学校・特殊教育諸学校共に視聴覚関係教材の普及に対応するために、下記の教材を新規に取り入れました。

「コンパクトディスクプレイヤー」

「コンパクトディスク」

「ビデオディスクプレイヤー」

「ビデオディスク」

「ビデオテープ編集装置」

「教材提示装置」

また、教材作成の能率化のための教材として、教員が授業において使用する教材を能率的に作成できるようにするため、新規に「ワードプロセッサー」を取り入れました。

さらに、新学習指導要領の円滑な実施のために必要な教材としては次のようなものが新たに入りました。

小学校（例）

［社会］　歴史人物資料集（肖像画を含む）、世界の国旗

［生活］　飼育箱（動物用小屋）、飼育箱（小鳥用小屋）、水槽（エアポンプ付き）、電話セット、遊具セット（羽子板、お手玉、けん玉、積み木、輪投げ等）

［道徳］　16ミリ映画、ビデオソフト、スライド、トランスペアレンシー、録音テープ、紙芝居、教授用掛図

［特別活動］　特別活動連絡黒板、バレーボール用具一式、ゲートボール用具一式、金管バンド・吹奏楽編成楽器一式、スポットライト一式、手押し一輪車

中学校（例）

［音楽］　ラテン楽器一式、ドラムセット、ビオラ

［技術・家庭］　丸のこ盤、木工万力、ベルトサンダー、集塵機、刃物研磨機

［保健体育］　綱引き用ロープ、作戦板、得点板、救急措置用実習器

［道徳］　16ミリ映画、ビデオソフト、スライド、トランスペアレンシー、録音テープ

［特別活動］　特別活動連絡黒板、金管バンド・吹奏楽編成楽器一式、

スポットライト一式、百人一首

この中で「道徳」についてはまったく新たに教材を設定しました。

今回の学習指導要領の改定により、道徳の内容の重点化が図られ、多様な指導が求められているため、「共通教材」とは別に、新たに「16ミリ映画」、「ビデオソフト」、「スライド」等の「道徳教材」を設定しました。

2）削除された品目（例）

新教材の普及により、下記の視聴覚関係教材を削除しました。

「8ミリ映画」

「8ミリ撮影機」

「8ミリフィルム編集器」

「実物幻燈機」

また、消耗品的な教材として、「鈴」、「トライアングル」、「物差」、「手押型スプレー」、「廃棄バケツ」等を削除しました。

その他に、一般的に学校において普及が著しく低いことによって、「マルチン式人体測定器」を削除しました。

3）品目の統合等

(1) 品目の統合

従来の「教材基準」では、詳細に基準品目を表示していたものを、例えば「音楽」において「リコーダー（アルト）」、「リコーダー（テノール）」、「リコーダー（バス）」と各パート別に3品目に表示していた区分を「リコーダー一式」とし、1品目に改めました。

「家庭」においては「温度計」、「乾湿計」、「簡易照度計」、「簡易検知管法ガス検知器」を、「家庭関係測定器一式」とし、備考欄に（温度計、乾湿計、簡易照度計、簡易検知管法ガス検知器、騒音計を含む）とし、統合しました。

また、視聴覚関係教材で見ると、逆に「テレビ関係機器」を「テレビ受像機」、「ビデオテープレコーダー」、「ビデオカメラ」に分割したり、「録音関係機器」を「テープレコーダー」と「個別学習用機器」に分割したりしました。

このような教材品目の統合等により、従来の基準品目1,084品目を形式的に663品目に整理し、品目数全体では114品目減の3,945品目となっています。

(2) 備考欄の充実

また、品目の整理統合等に併せて、備考を従来より詳細に付記することにより、より分かりやすく、内容も充実したものとしました。

ア．視聴覚関係教材

小学校・中学校・特殊教育諸学校（例）

（教材基準）　（標準教材品目）

（共通）

・放送設備一式

→・放送設備一式

（AV 調整卓、講堂用放送設備、ワイヤレスアンテナ、ワイヤレスマイクロフォン、ワイヤレスアンプを含む）

→・テープレコーダー

(CD ラジオカセット、マイクロフォン

を含む)

・個別学習用機器

・録音テープ

→・録音テープ

(個別学習用機器ソフトを含む)

イ．その他の各教科の教材（例）

小学校

（算数）平面図形構成教具

→平面図形構成教具

(ドット黒板、ジオボードを含む)

（音楽）電子楽器

→電子楽器一式

(電子ピアノ、電子管楽器、キーボー

ド、シンセサイザーを含む)

デスクオルガン

→デスクオルガン

(アンサンブル型、ML 型を含む)

中学校

（共通）ストップウオッチ

→ストップウオッチ

(スポーツタイマーを含む)

（社会）日本地方別地図

→日本地方別地図

（ランドサット空中写真地図を含む）

（音楽）ピアノ

→ピアノ（自動演奏装置を含む）

4）品目の標準数量

(1) 標準数量の区分

品目別の標準数量の定めについては、各学校の実情等に応じて、教材整備の弾力化を計るため、従来小学校（5学級以下、6～12学級、13～18学級、19～24学級、25～30学級、31学級以上）、中学校（5学級以下、6～9学級、10～15学級、16～21学級、22～27学級、28学級以上）ともに6段階に定められていた区分を、標準規模校（小学校18学級、中学校15学級）、小規模校（小学校・中学校共に5学級以下）、大規模校（小学校31学級以上、中学校28学級以上）の3段階に区分しました。

(2) 数量の増加（標準規模校の場合）

また、新学習指導要領の円滑な実施のために、数量の増加を必要とするものについては、数量の増加を図っています。

標準規模校で数量の増加の主な例を見ると次のとおりです。

ア．視聴覚関係教材（例）

小学校・特殊教育諸学校

（共通）カメラ一式　1→2

小学校・中学校・特殊教育諸学校

（共通）放送設備一式　1→2組

イ．その他の各教科の教材（例）

小学校

（音楽）小太鼓　2→3

トランペット　1→3

（家庭）ミシン　19→21

中学校

（音楽）電子楽器一式　2→5組

（技術・家庭）

糸のこ盤　1→2

角のみ盤　1→2

自動炊飯器　4→6

電気アイロン　8→10

5）全体の特色

以上のように、全体の特色としては、品目総数では4,059品目から3,945品目に形式的には減ってはいるが、これは、品目の統合を大幅に行ったためによるものであり、実質的には従来よりも充実したものとなっており、また、学校の選択幅が広がり、各学校の整備状況、実情に応じて、学校の特色を生かしながら整備できるよう弾力的なものとなっています。

6）整備のための財源

この教材整備のための財源措置は地方交付税制度により、次のように措置されることとなっています。

(1) 新規教材の整備及び現有教材の償却更新に必要な経費を、1991年度から2001年度まで10年間で総額約8,000億円を措置します。

(2) 1991年度は540億円（対前年度9.5%増）の措置をします。

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## 3．教材品目表（共通・道徳）

### 1）小学校標準教材品目（共通）

| 番号 | 品目類別 | 数量 | | | 備考 |
|---|---|---|---|---|---|
| | | 小規模 | 標準 | 大規模 | |
| 1 | 紙芝居舞台 | 1 | 2 | 3 | |
| 2 | スライド映写機 | 1 | 3 | 4 | |
| 3 | ビデオディスクプレイヤー | 1 | 2 | 3 | LD、VHD 等 |
| 4 | 16ミリ映写機 | 1 | 1 | 1 | |
| 5 | オーバーヘッドプロジェクター | 6 | 19 | 37 | 拡大レンズを含む |
| 6 | 教材提示装置 | 1 | 2 | 3 | ビデオプロジェクター等を含む |
| 7 | 映写幕 | 6 | 22 | 41 | |
| 8 | コンパクトディスクプレイヤー | 1 | 3 | 4 | ポータブル電蓄を含む |
| 9 | テープレコーダー | 12 | 21 | 25 | CDラジオカセット、マイクロフォンを含む |
| 10 | 個別学習用機器 | 12 | 21 | 25 | |
| 11 | テレビ受像機 | 8 | 23 | 41 | 衛星放送受信システムを含む |
| 12 | ビデオテープレコーダー | 8 | 23 | 41 | スチールビデオレコーダーを含む |
| 13 | ビデオカメラ | 1 | 2 | 3 | スチールビデオカメラを含む |
| 14 | 携帯用拡声機 | 1 | 3 | 4 | |
| 15 | トランシーバー | 1 | 3 | 4 | |
| 16 | 電子式複写機 | 1 | 1 | 1 | |
| 17 | トランスペアレンシー作成機 | 1 | 3 | 4 | |
| 18 | ビデオテープ編集装置 | 1 | 1 | 1 | |
| 19 | カメラ一式 | 1 | 2 | 2 | |
| 20 | ラジオ受信機 | 2 | 6 | 10 | |
| 21 | 放送設備一式 | 1組 | 2組 | 2組 | AV 調整卓、講堂用放送設備、ワイヤレスアンテナ、ワイヤレスマイクロフォン、ワイヤレスアンプを含む |
| 22 | スライド | 160組 | 200組 | 260組 | |
| 23 | コンパクトディスク | 190 | 250 | 340 | レコードを含む |
| 24 | トランスペアレンシー | 160組 | 200組 | 260組 | |
| 25 | ビデオディスク | 160 | 200 | 260 | |
| 26 | 16ミリフィルム | 2 | 3 | 3 | |
| 27 | 録音テープ | 160 | 200 | 260 | 個別学習用機器ソフトを含む |
| 28 | ビデオテープ | 80 | 120 | 180 | 未録画テープを除く |
| 29 | 紙芝居 | 30 | 50 | 80 | |
| 30 | 巻き尺 | 5 | 15 | 30 | 5m、10m、30m、50m、100m |
| 31 | ストップウオッチ | 6 | 12 | 21 | スポーツタイマーを含む |
| 32 | 行事告知板 | 2 | 3 | 4 | |
| 33 | 掲示板 | 2 | 6 | 10 | |
| 34 | 交通安全用具一式 | 1組 | 1組 | 1組 | 教授用掛図、信号機模型、道路標識、標識スタンド等 |
| 35 | 印刷機一式 | 1組 | 2組 | 2組 | 裁断機・紙折機・製本機を含む |
| 36 | ワードプロセッサー | 2 | 4 | 6 | |

2）中学校標準教材品目（共通）

| 番号 | 品目類別 | 数量 | | | 備考 |
|---|---|---|---|---|---|
| | | 小規模 | 標準 | 大規模 | |
| 1 | スライド映写機 | 1 | 3 | 4 | |
| 2 | ビデオディスクプレイヤー | 1 | 3 | 4 | LD, VHD 等 |
| 3 | 16ミリ映写機 | 1 | 1 | 1 | |
| 4 | オーバーヘッドプロジェクター | 6 | 16 | 34 | 拡大レンズを含む |
| 5 | 教材提示装置 | 1 | 2 | 3 | ビデオプロジェクター等を含む |
| 6 | 映写幕 | 6 | 19 | 37 | |
| 7 | コンパクトディスクプレイヤー | 1 | 3 | 4 | ポータブル電蓄を含む |
| 8 | テープレコーダー | 13 | 24 | 30 | CDラジオカセット、マイクロフォンを含む |
| 9 | 個別学習用機器 | 13 | 24 | 30 | |
| 10 | テレビ受像機 | 8 | 20 | 39 | 衛星放送受信システムを含む |
| 11 | ビデオテープレコーダー | 8 | 20 | 39 | スチールビデオレコーダーを含む |
| 12 | ビデオカメラ | 1 | 2 | 3 | スチールビデオカメラを含む |
| 13 | 携帯用拡声機 | 1 | 3 | 4 | |
| 14 | トランシーバー | 2 | 4 | 5 | |
| 15 | 電子式複写機 | 1 | 1 | 1 | |
| 16 | トランスペアレンシー作成機 | 1 | 3 | 4 | |
| 17 | ビデオテープ編集装置 | 1 | 1 | 1 | |
| 18 | カメラ一式 | 1 | 1 | 1 | |
| 19 | ラジオ受信機 | 1 | 3 | 6 | CDラジオカセットを含む |
| 20 | 放送設備一式 | 1組 | 2組 | 3組 | AV調整卓、講堂用放送設備、ワイヤレスアンテナ、ワイヤレスマイクロフォン、ワイヤレスアンプを含む |
| 21 | スライド | 160組 | 200組 | 260組 | |
| 22 | コンパクトディスク | 270 | 350 | 470 | レコードを含む |
| 23 | トランスペアレンシー | 160組 | 200組 | 260組 | |
| 24 | ビデオディスク | 160 | 200 | 260 | |
| 25 | 16ミリフィルム | 4 | 6 | 6 | |
| 26 | 録音テープ | 160 | 200 | 260 | 個別学習用機器ソフトを含む |
| 27 | ビデオテープ | 130 | 170 | 230 | 未録画テープを除く |
| 28 | 巻き尺 | 5 | 15 | 30 | 5m、10m、30m、50m、100m |
| 29 | ストップウオッチ | 5 | 15 | 30 | スポーツタイマーを含む |
| 30 | 行事告知板 | 1 | 3 | 4 | |
| 31 | 掲示板 | 1 | 3 | 4 | |
| 32 | 無地黒板 | 4 | 6 | 8 | |
| 33 | 交通安全用具一式 | 1組 | 1組 | 1組 | 教授用模型、信号機模型、道路標識、標識スタンド等 |
| 34 | ワードプロセッサー | 1 | 2 | 3 | |
| 35 | 印刷機一式 | 1組 | 3組 | 3組 | 裁断機・紙折機・製本機を含む |



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3）標準教材品目（道徳）

| 番号 | 品目類別 | 数量 | | | 備考 |
|---|---|---|---|---|---|
| | | 小規模 | 標準 | 大規模 | |
| | **小学校** | | | | |
| 1 | 16mm映画 | 9 | 9 | 9 | |
| 2 | ビデオソフト | 48 | 48 | 48 | |
| 3 | スライド | 36 | 36 | 36 | |
| 4 | トランスペアレンシー | 36 | 36 | 36 | |
| 5 | 録音テープ | 36 | 36 | 36 | |
| 6 | 紙芝居 | 36 | 36 | 36 | |
| 7 | 教授用掛図 | 18 | 18 | 18 | |
| | **中学校** | | | | |
| 1 | 16mm映画 | 9 | 9 | 9 | |
| 2 | ビデオソフト | 24 | 24 | 24 | |
| 3 | スライド | 24 | 24 | 24 | |
| 4 | トランスペアレンシー | 24 | 24 | 24 | |
| 5 | 録音テープ | 24 | 24 | 24 | |

# DEVELOPMENT OF THE
# "STANDARD EDUCATIONAL MATERIALS LIST"
## – AUDIOVISUAL INSTRUCTIONAL MATERIALS –

Japan Audiovisual Information Center
for International Service
Japan Audiovisual Education Association

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# Introduction

The Ministry of Education, Culture and Science, as one component of its full implementation of the new Courses of Instruction (elementary schools in 1992 ; junior high schools in 1993), revised its standards for educational materials to be provided in schools and promulgated a new "Standard Educational Materials List" on March 27, 1991.

This new Standard Educational Materials List encompasses 3,945 separate items listed by school level, type and quantity. This English pamphlet covers only those items common to all subjects, i. e. , those listed as"common items. "plus those listed for the"morals"classes.

It is hoped that this will help others in understanding what quantities and kinds of educational materials are being used in various schools at the level of compulsory education in Japan.

October, 1991

Jiro Arimitsu, President

Japan Audiovisual Education Association

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# 1. OBJECTIVES

The Ministry of Education, Culture and Science, as one component of the full implementation of its new Courses of Instruction (elementary schools in 1992 ; junior high schools in 1993) , for the first time in thirteen years, revised its standards for educational materials to be procured by schools and notified all of the prefectural boards of education of its new Standard Educational Materials List on March 27, 1991. This new list covers those educational materials thought to be necessary to the establishment of those new classes required by the New Course of Study. It was developed through the efforts of the Survey and Investigation Cooperative Committee for establishing a "Standard Educational Materials List" for Compulsory Education Level Schools, (established in May 1990) and the Ministry of Education's own course of study examination officers.

This Standard Educational Materials List outlines the standard types and quantities of educational materials deemed necessary in effecting the New Course of Study at the compulsory education level. It gives these goals, as well as acts as a reference for each school to follow in complying with the New Course of Study based upon its own needs while reinforcing its own unique, educational program.

The previous Educational Materials Standards had two basic

purposes. First, it provided goals for the types and quantities of such materials to be acquired by each school. Second, it outlined the extent to which educational material funds from the national treasury could be used. However, in 1985, the system for compulsory education funds (educational material costs) from the national treasury was abolished and the funds necessary for the purchase of educational materials were incorporated into the general local public body revenues (received through local subsidy taxes) . As a result, the function of the Educational Materials Standards came to be simply that of a reference for standards to be applied when procuring educational materials.

## 2. FEATURES

The newly revised standards are characterized by the following :

One objective of the new standards is to broaden and strengthen each school's freedom of choice in the selection of educational materials. This is one reason that the name has been changed from "Educational Materials Standards" to "Standard Educational Materials List".

Second, in order to provide an improved basis for the acquisition of educational materials when putting the New Course of Study into effect or as new educational materials become available, the new Standard Educational Materials List dropped 219 old items and added 526 new ones, making an increase of 307 items.

Finally, the detailed listing of 1,084 items in the old Educational Materials Standards were consolidated into just 663 categories in the new Standard Educational Materials List. This means that while overall the list decreased by 114 categories, it still contains a cumulative total of 3,945 items.

a. Examples of Newly Designated Items

The following have been added in order that the various elemen-

tary, junior high school and special education schools will be able to cope with the rapidly increasing diffusion of new types of audiovisual materials :

Compact Disc Player

Compact Disc

Videodisc Player

Videodisc

Videotape Editor

Overhead Video Projector

Wordprocessors have also been added in order to increase the teachers' efficiency in developing instructional materials as well in preparation of materials for use in the classroom.

Furthermore, the following items have been added in order to help smooth the introduction of the New Course of Study.

Elementary Schools :

Social Studies : Collections of materials on historical figures (including portraits) , National Flags from around the world.

Life Science : Breeding Boxes (For Small Animals) , Breeding Boxes (For Small Birds) , Fish Tanks (with Air Pumps) , Play Telephone Sets, Toy Sets (Battledores, Bean (Marble) Bags, Cup and Ball Sets, Blocks, Ring Toss Games, etc. )

Morals : 16mm Movies, Video Software, Slides, Overhead Transparencies, Audiotapes, Paper Theater Sets, Educational Wall Maps

Special Activities : Special Activities Bulletin Board, Volleyball Sets, Gateball Sets, Brass Band and Wind Instrument Sets, Spotlight Systems, Wheelbarrows

Junior High Schools :

Music : Latin American Instrumental Sets, Drum Sets, Violas

Industrial Arts and Homemaking : Circular Table Saws, Vises, Beltsanders, Dust Collectors, Grindstones

Health and Physical Education : Ropes for Stringing Nets, Game Strategy Boards, Scoreboards, Practice First Aid Kits

Morals : 16mm Movies, Video Software, Slides, Overhead Transparencies, Audiotapes

Special Activities : Special Activities Bulletin Boards, Brass Band and Wind Instrument Sets, Spotlight Systems, Hyakunin Isshu (Poetry Matching) Game Sets

Of the above, those designated for the Morals courses are completely new. The current revision of the Course of Study places a great deal of emphasis upon classes in Morals, therefore, in addition to the already designated "common use" items, 16mm movies, video



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software, slides, and other items have been specifically designated for use in Morals classes.

b. Examples of Deleted Items

Based upon the diffusion of newer educational materials, the following items have been deleted from the Standard Educational Materials List :

8mm Movies

8mm Movie Projectors

8mm Movie Film Editors

Opaque Projectors

Other consumable or nearly consumable in nature items have also been deleted. These include bells, triangles, rulers, hand sprayers, waste buckets and so on. Another deleted item, one with an extremely low diffusion rate, is the Martin body measurement device.

c. Consolidation of Items

(1) Consolidation

The rather extensively detailed listings in the previous Educational Material Standards have been partially consolidated. For example, the previous guide listed recorders in music classes

separately by part – alto, tenor and bass – but the new guide lists them simply as : Recorder Sets.

Thermometers, Humidity Meters, Simple Light Intensity Meters, and Simple Gas Meters, all used in Homemaking classes, have been consolidated into Homemaking Measuring Equipment Sets with each individual piece of equipment listed in the remarks column.

On the other hand, however, a look at audiovisual equipment shows that the previously listed Television and Related Equipment entry has been subdivided into Television Receivers, Video Taperecorders, Videocameras ; while the Audio and Related Equipment category has been divided into Taperecorders and Individualized Study Equipment.

This consolidation and reclassification has resulted in a reduction in the number of categories from the previous 1,084 to the current 663, however the total number of items has been increased by 114 to 3,945.

(2) Remarks Column

As part of the overall reorganization and consolidation of the standards list, the remarks section has been expanded in an attempt to amplify the contents as a whole as well as to make the list easier to understand. Following are some examples.

(a) Audiovisual – related Educational Materials

Elementary, Junior High and Special Education Schools

[Standard] [Items]

In-School Broadcasting

Systems

→ In-School Broadcasting Systems

(Includes AV Control Desks, Auditorium PA Systems, Wireless Antennas, Wireless Microphones, Wireless Amplifiers)

→ Taperecorders

(Includes Compact Disk Radio Cassette Players, Microphones)

Recorded Tape

→ Recorded Tape

(Includes Software for Individual Learning Booths)

(b) Other Instructional Materials

Elementaly Schools

(Arithmetic)

Plane Figure Drawing Devices

→ Plane Figure Drawing Devices

Drawing Devices (Include Dot Matrix Blackboards, Geoboards)

(Music)

Electronic Music Instruments

→ Electronic Music Instrument Sets

(Include Electronic Pianos, Electronic Pipe Organs, Keyboards, Synthesizers)

Desk Organs

→ Desk Organs

(Include Ensemble and Music Laboratory Types)

Junior High Schools

(Common Items)

Stopwatches

→ Stopwatches

(Include Sport Timers)

(Social Studies)

Area Maps of Japan

→ Area Maps of Japan

(Include LANDSTAT Photomaps)

(Music)

Piano

→ Piano

(Includes Automatic Players)

d. Standard Quantities

(1) Standard Quantities Column

In regards to the number of items of each type which each school should have, the old standards divided schools into 6 levels by number of classes as follows : Elementary : less than 5 classes, 6 to 12 classes, 13 to 18 calsses, 19 to 24 classes, 25 to 30 classes or 31 classes or more ; Junior high schools : less than 5 classes, 6 to 9 classes, 10 to 15 classes, 16 to 21 classes, 22 to 27 classes or 28 classes or more. In the new list, an attempt at greater flexibility in procuring educational materials in accord with the requirements of each school has been made by cutting the number of categories to just three. These are (1) "model schools" (elementary schools : 18 classes ; junior high schools : 15 classes) , "small schools" (elementary and junior high schools : 5 or fewer classes) and "large schools" (elementary schools : 31 or more classes ; junior high schools : 28 or more classes) .

(2) Quantitative Increases (Model School)

Another change has been to increase the number of items per type as a means of facilitating the introduction of the New Course of Study. The following are some examples of these increases for"model schools : "

(a) Audiovisual − related Educational Materials

Elementary and Special Education Schools

(Common Items) Still Camera Sets, increased from 1 → 2

Elementary, Junior High and Special Education Schools

(Common Items) Broadcasting System, 1 → 2

(b) Other Instructional Materials

Elementary Schools

(Music) Small Drums, 2 → 3

Trumpets, 1 → 3

(Homemaking)

Sewing Machines, 19→21

Junior High Schools

(Music) Electronic Musical Instrument, 2 → 5

(Industrial Arts and Homemaking)

Sewing Equipment Boxes, 1 → 2

Chisel Sets, 1 → 2

Automatic Rice Cookers, 4 → 6

Electric Irons, 8 →10

e. General Features

As outlined above, one general characteristic of the new Standard Educational Materials list is while, in one sense, the number of listed items has been reduced from 4,059 to 3,945, this is actually a result of the consolidation of certain categories. The truth is that the new list is much more complete than was the old. Also, the range of options

available to the schools has been increased and a flexibility permitting each school to base its acquisitions upon its own needs and reality and as a means of keeping its own special characteristics alive has been incorporated into this new list.

f. Funding

Funding for procurement of the items given in the new Standards for Educational Materials List is being provided as follows through the national system of general local subsidy taxes :

Funds for the procurement of new types of educational materials or for the amortization and replacement of current equipment :

(1) A total of 800 billion yen (¥800,000,000,000) over a period of 10 years between fiscal years 1991 and 2001.

(2) A total of 54 billion yen (¥54,000,000,000) is to be provided for the 1991 fiscal year, to be increased by 9.5% each succeeding year.

# 3. EDUCATIONAL MATERIAL LISTS

## a. Elementary Schools (Common Items)

| No. | Category | Quantity | | | Notes |
|---|---|---|---|---|---|
| | | Small | St' rd | Large | |
| 1 | Paper Theater Stand | 1 | 2 | 3 | |
| 2 | Slide Projector | 1 | 3 | 4 | |
| 3 | Videodisk Player | 1 | 2 | 3 | L. D. , V. H. D. , etc. |
| 4 | 16mm Movie Projector | 1 | 1 | 1 | |
| 5 | Overhead Projector | 6 | 19 | 37 | Includes enlarging lenses |
| 6 | Educational Material Display Equipment | 1 | 2 | 3 | Includes Video projectors |
| 7 | Projection Screen | 6 | 22 | 41 | |
| 8 | Compact Disc Player | 1 | 3 | 4 | Includes portable, battery models |
| 9 | Audiotape Recorder | 12 | 21 | 25 | Includes compact disc radio cassettes, microphones |
| 10 | Individual Learning Stations | 12 | 21 | 25 | |
| 11 | Television Receiver | 8 | 23 | 41 | Includes satellite broadcasting receivers |
| 12 | Videotape Recorder | 8 | 23 | 41 | Includes still video recorders |
| 13 | Video Camera | 1 | 2 | 3 | Includes still video cameras |
| 14 | Portable Sound System | 1 | 3 | 4 | |
| 15 | Transceiver | 1 | 3 | 4 | |
| 16 | Electronic Copier | 1 | 1 | 1 | |
| 17 | Transparency Copier | 1 | 3 | 4 | |
| 18 | Videotape Editing System | 1 | 1 | 1 | |
| 19 | Camera, Still | 1 | 2 | 2 | |
| 20 | Radio, Receiver | 2 | 6 | 10 | |
| 21 | Broadcasting System | 1 | 2 | 2 | Includes control table, auditorium PA system, wireless antenna, microphone and amplifier |
| 22 | Slide Set | 160 | 200 | 260 | |
| 23 | Compact Disc | 190 | 250 | 340 | Includes phonograph records |
| 24 | OHP Transparency Set | 160 | 200 | 260 | |
| 25 | Videodisc | 160 | 200 | 260 | |
| 26 | 16mm Film | 2 | 3 | 3 | |
| 27 | Audiotape Tape | 160 | 200 | 260 | Includes tapes for individual learning stations |
| 28 | Videotape | 80 | 120 | 180 | Includes blank tapes |
| 29 | Paper Theater Story Set | 30 | 50 | 80 | |
| 30 | Tape Measure | 5 | 15 | 30 | 5, 10, 30, 50 and 100 meter |
| 31 | Stopwatch | 6 | 12 | 21 | Includes sports timers |
| 32 | Activity Notice Board | 2 | 3 | 4 | |
| 33 | Bulletin Board | 2 | 6 | 10 | |
| 34 | Traffic Safety Set | 1 | 1 | 1 | Includes instructional wallchart, traffic signal, road signs, stands for road signs |
| 35 | Office Printer | 1 | 2 | 2 | Includes paper cutter, folder and book binder |
| 36 | Wordprocessor | 2 | 4 | 6 | |

b. Junior High Schools (Common Items)

| No. | Category | Quantity | | | Notes |
|---|---|---|---|---|---|
| | | Small | St' rd | Large | |
| 1 | Slide Projector | 1 | 3 | 4 | |
| 2 | Videodisk Player | 1 | 3 | 4 | L. D. , V. H. D. , etc. |
| 3 | 16 mm Movie Projector | 1 | 1 | 1 | |
| 4 | Overhead Projector | 6 | 16 | 34 | Includes enlarging lenses |
| 5 | Educational Material Display Equipment | 1 | 2 | 3 | Includes Video projectors |
| 6 | Projection Screen | 6 | 19 | 37 | |
| 7 | Compact Disc Player | 1 | 3 | 4 | Includes portable, battery models |
| 8 | Audiotape Recorder | 13 | 24 | 30 | Includes compact disc radio cassettes, microphones |
| 9 | Individual Learning Stations | 13 | 24 | 30 | |
| 10 | Television Receiver | 8 | 20 | 39 | Includes satellite broadcasting receivers |
| 11 | Videotape Recorder | 8 | 20 | 39 | Includes still video recorders |
| 12 | Video Camera | 1 | 2 | 3 | Includes still video cameras |
| 13 | Portable Sound System | 1 | 3 | 4 | |
| 14 | Transceiver | 2 | 4 | 5 | |
| 15 | Electronic Copier | 1 | 1 | 1 | |
| 16 | Transparency Copier | 1 | 3 | 4 | |
| 17 | Videotape Editing System | 1 | 1 | 1 | |
| 18 | Camera, Still | 1 | 2 | 2 | |
| 19 | Radio, Receiver | 1 | 3 | 6 | Includes CD and cassette radios |
| 20 | Broadcasting System | 1 | 2 | 2 | Includes control table, auditorium PA system, wireless antenna, microphone and amplifier |
| 21 | Slide Set | 160 | 200 | 260 | |
| 22 | Compact Disc | 270 | 350 | 470 | Includes phonograph records |
| 23 | Transparency Set | 160 | 200 | 260 | |
| 24 | Videodisc | 160 | 200 | 260 | |
| 25 | 16mm Film | 4 | 6 | 6 | |
| 26 | Audiotape Tape | 160 | 200 | 260 | Includes tapes for individual learning stations |
| 27 | Videotape | 130 | 170 | 230 | Includes blank tapes |
| 28 | Tape Measure | 5 | 15 | 30 | 5, 10, 30, 50 and 100 meter |
| 29 | Stopwatch | 5 | 15 | 30 | Includes sports timers |
| 30 | Activity Notice Board | 1 | 3 | 4 | |
| 31 | Bulletin Board | 1 | 3 | 4 | |
| 32 | Blackboard | 4 | 5 | 8 | |
| 33 | Traffic Safety Set | 1 | 1 | 1 | Includes instructional wallchart, traffic signal, road signs, stands for road signs |
| 34 | Wordprocessor | 1 | 2 | 3 | |
| 35 | Office Printer | 1 | 2 | 2 | Includes paper cutter, folder and book binder |

c. Standard Educational Materials List (Morals)

| No. | Category | Quantity | | | Notes |
|---|---|---|---|---|---|
| | | Small | St' rd | Large | |
| | Elementary Schools | | | | |
| 1 | 16mm film | 9 | 9 | 9 | |
| 2 | Videotape | 48 | 48 | 48 | |
| 3 | Slide Set | 36 | 36 | 36 | |
| 4 | Transparency Set | 36 | 36 | 36 | |
| 5 | Audiotape | 36 | 36 | 36 | |
| 6 | Paper Theater Story Set | 36 | 36 | 36 | |
| 7 | Instructional Chart | 18 | 18 | 18 | |
| | Junior High Schools | | | | |
| 1 | 16mm film | 9 | 9 | 9 | |
| 2 | Videotape | 24 | 24 | 24 | |
| 3 | Slide Set | 24 | 24 | 24 | |
| 4 | Transparency Set | 24 | 24 | 24 | |
| 5 | Audiotape | 24 | 24 | 24 | |

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# DEVELOPMENT OF THE "STANDARD EDUCATIONAL MATERIALS LIST"

## – AUDIOVISUAL INSTRUCTIONAL MATERIALS –

AVE IN JAPAN NO. 30